

From: glowbugs@devp214.theporch.com Sat Feb 8 16:32:05 1997
Return-Path: <glowbugs@devp214.theporch.com>
Received: from devp214.theporch.com (devp214.theporch.com [192.150.244.22])
by uro.theporch.com (8.8.5/AUX-3.1.1)
with ESMTP id QAA22436 for <shimshon@theporch.com>;
Sat, 8 Feb 1997 16:32:04 -0600 (CST)
From: glowbugs@devp214.theporch.com
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by devp214.theporch.com (8.8.4/SCO-5.0.2) with SMTP
id WAA13023; Sat, 8 Feb 1997 22:29:58 GMT
Date: Sat, 8 Feb 1997 22:29:58 GMT
Message-Id: <199702082229.WAA13023@devp214.theporch.com>
Errors-To: ws4s@infoave.net
Reply-To: glowbugs@devp214.theporch.com
Originator: glowbugs@devp214.theporch.com
Sender: glowbugs@devp214.theporch.com
Precedence: bulk
To: Multiple recipients of list <glowbugs@devp214.theporch.com>
Subject: GLOWBUGS digest 440
X-Listprocessor-Version: 6.0 -- ListProcessor by Anastasios Kotsikonas
X-Comment: Please send list server requests to listproc@theporch.com
Status: 0

GLOWBUGS Digest 440

Topics covered in this issue include:

- 1) More on 70v Transformers
by mjsilva@ix.netcom.com (michael silva)

Date: Sat, 8 Feb 1997 14:26:19 -0800
From: mjsilva@ix.netcom.com (michael silva)
To: glowbugs@devp214.theporch.com
Subject: More on 70v Transformers
Message-ID: <199702082226.0AA05459@dfw-ix5.ix.netcom.com>

I happened to stumble on an unlikely source of 10 W. 70 V. transformers today: Radio Shack. And they're only asking a reasonable \$5.99 for them. These have a primary impedance (numbers converted from wattage ratings) of 500/1000/2000/4000/8000, and secondary of 4/8/16. I did a little bit of calculating on the in-between turns ratios (e.g. connecting the 1000 and 8000 ohm taps as the primary) and came up with the further approximate primary impedances of 750/1600/3300/4500. In addition, the common, 2000 and 8000 ohm points will give you a useful center-tapped primary.

I don't know what the unbalanced (single-ended) current rating of these transformers would be but they (70 V transformers in general, not just the RS one) are bigger than any standard radio output transformer I've seen so they should be fine for communications plate circuit requirements, assuming also that they have reasonable insulation, and they look like they do.

73,
Mike, KK6GM

End of GLOWBUGS Digest 440
